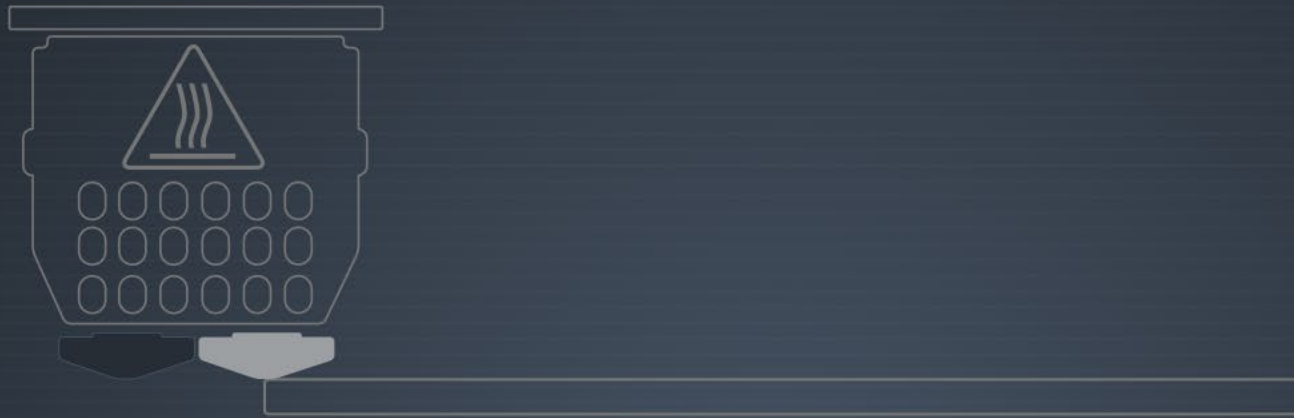


3D | DNA visual development

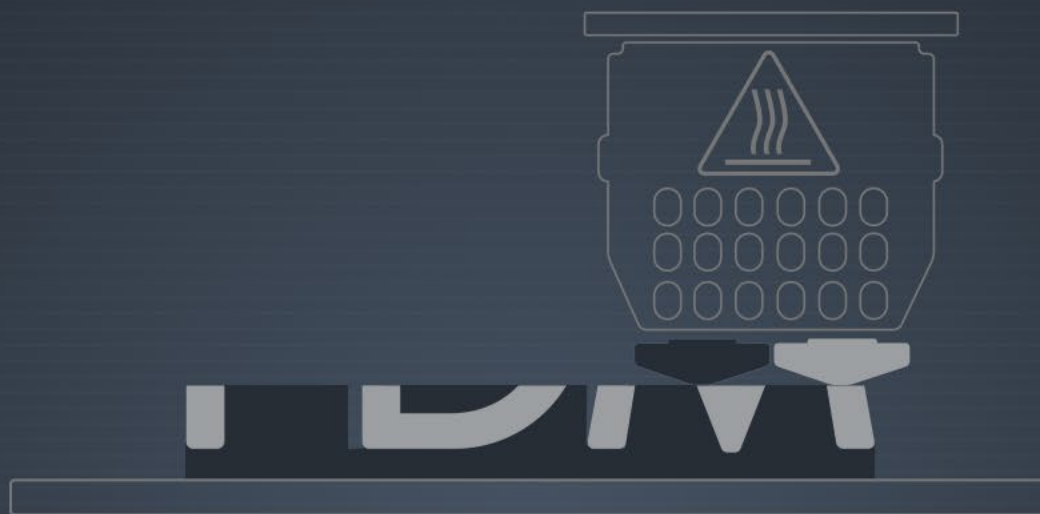
Stratasys Direct Manufacturing Rev 1

Animation | flat

- **Monochrome BG**
- **simple**
- **flat graphics**
- **captures the “truth” of the process, e.g. FDM:**
 - **layered additive process**
 - **two print heads**
 - **two materials**
 - **HOT process**
 - **build tray moves down**
 - **print head moves**
- **4 -6 seconds run time: fast**
- **energetic**



Print head IN – starts printing part



Prints **FDM** in part material + support material



FDM

FUSED DEPOSITION MODELING

SDM TECH SERIES

Transition to END screen – camera continues slow dolly- FT video

FDM

FUSED DEPOSITION MODELING

SDM TECH SERIES

FDM

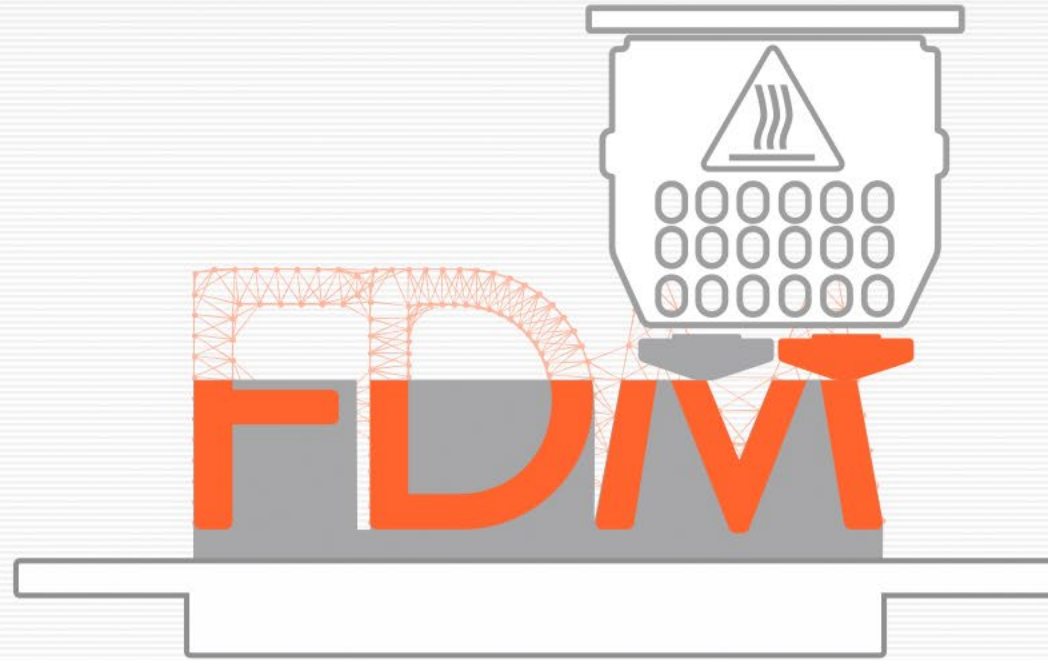
FUSED DEPOSITION MODELING

SDM TECH SERIES

FDM

FUSED DEPOSITION MODELING

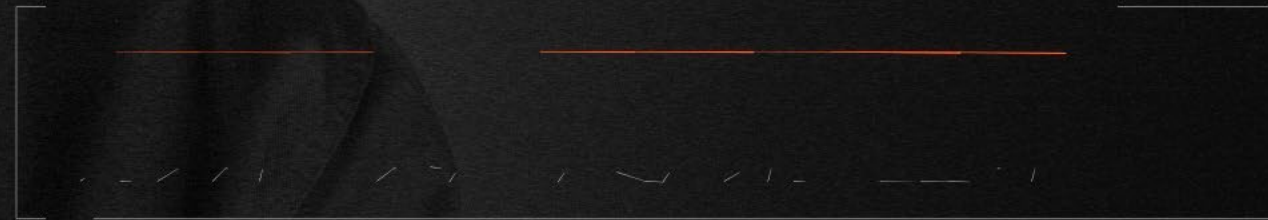
SDM TECH SERIES

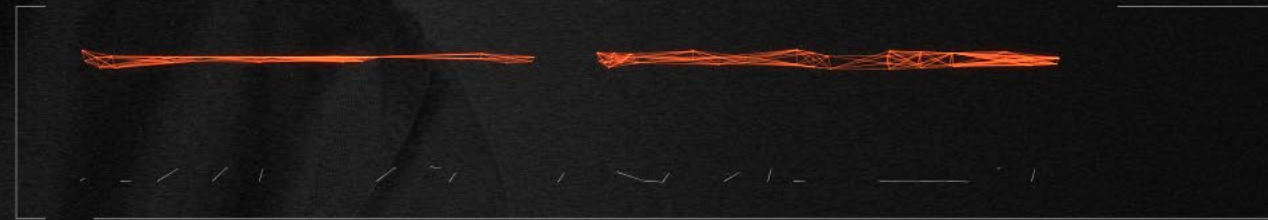


VIDEO | titles

- **BW look**
- **Contrast curve**
- **Glyph text animation**
- **Off screen lens flare**
- **fast**
- **energetic**











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DIRECTOR / GLOBAL MANUFACTURING NETWORK



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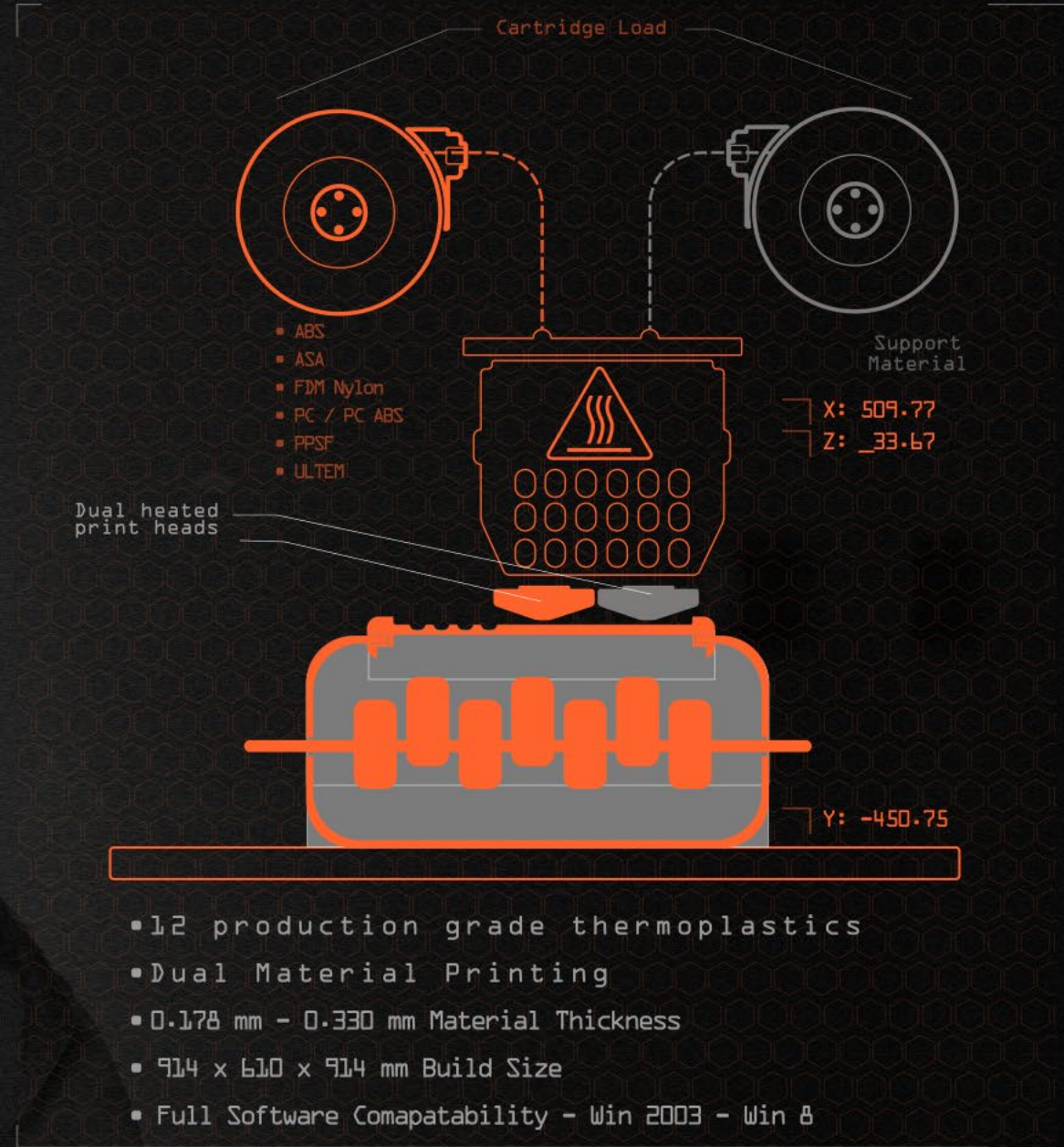


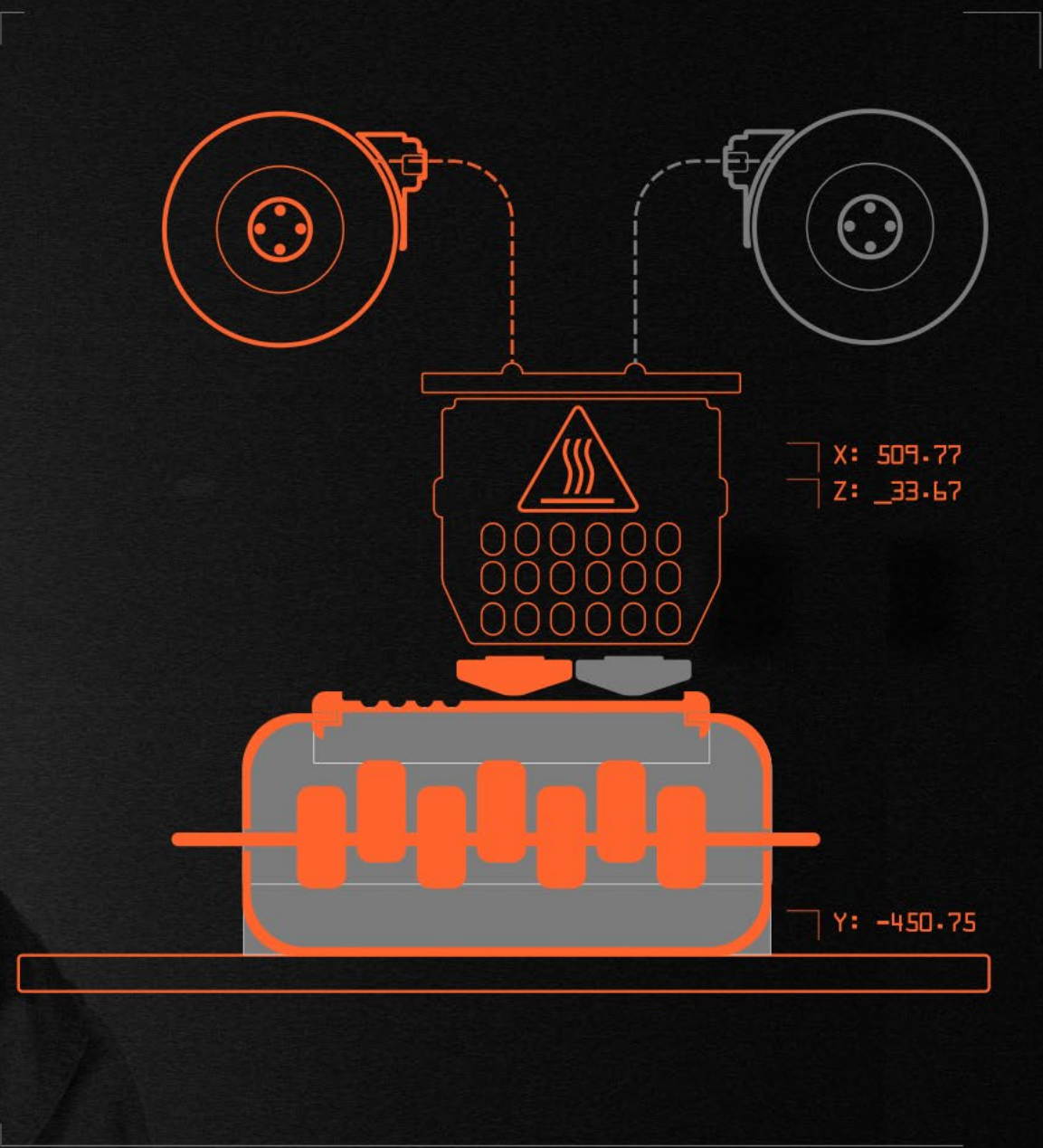
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STRATASYS DIRECT MANUFACTURING

VIDEO | augmented DNA - A

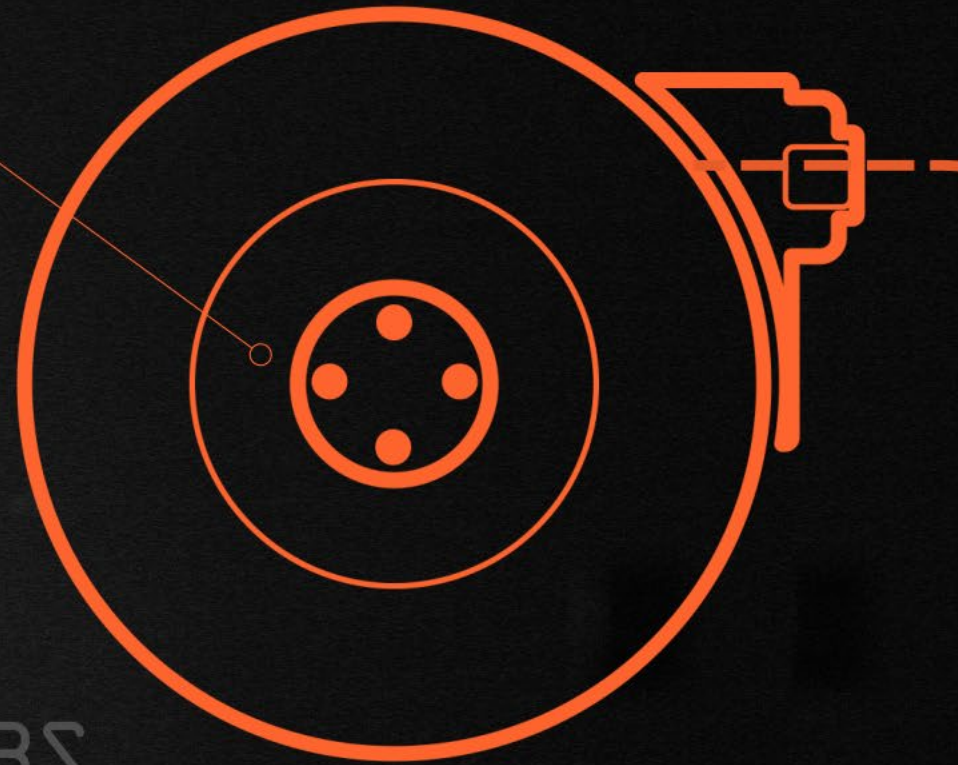
- Simple to verbose
- Animated
- Augmentation graphics matched to interviewee words
- 2 ½ D parallax in depth + animation



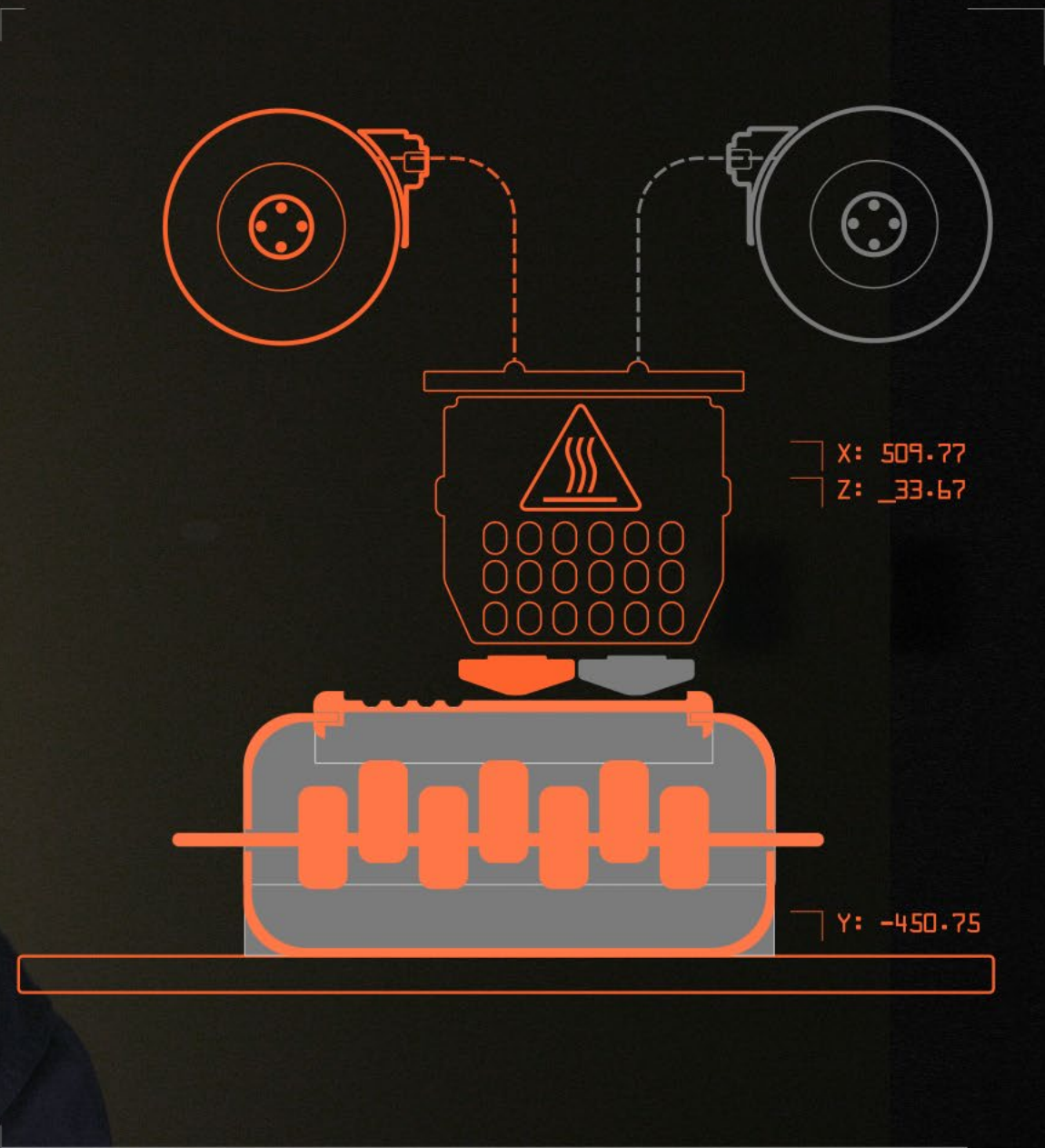




Material
Cartridge



- ABS
- ASA
- FDM Nylon
- PC / PC ABS
- PPSF



VIDEO | augmented DNA - B

- **Used for Stock Footage [i.e.: footage we shoot or buy]**
- **Simple tag/flag overlay**
- **Tracked to camera movement**
- **Verbose animated descriptive CG overlay (X-ray)**



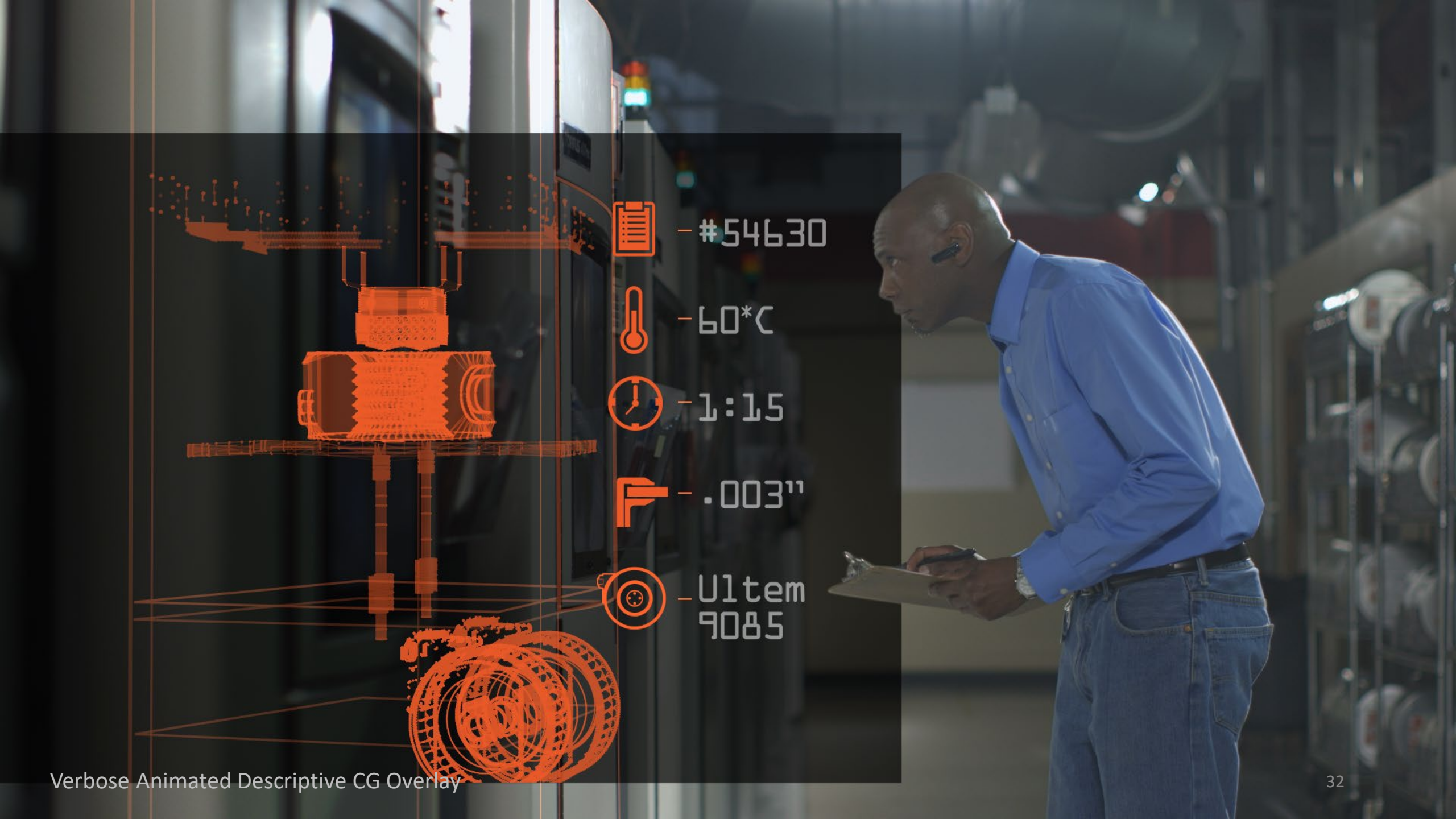
PEOPLE | PROCESS | TECHNOLOGY

THE SDM DIFFERENCE

24/7 BUILD MONITORING



THE SDM DIFFERENCE



- #54630



- 60°C



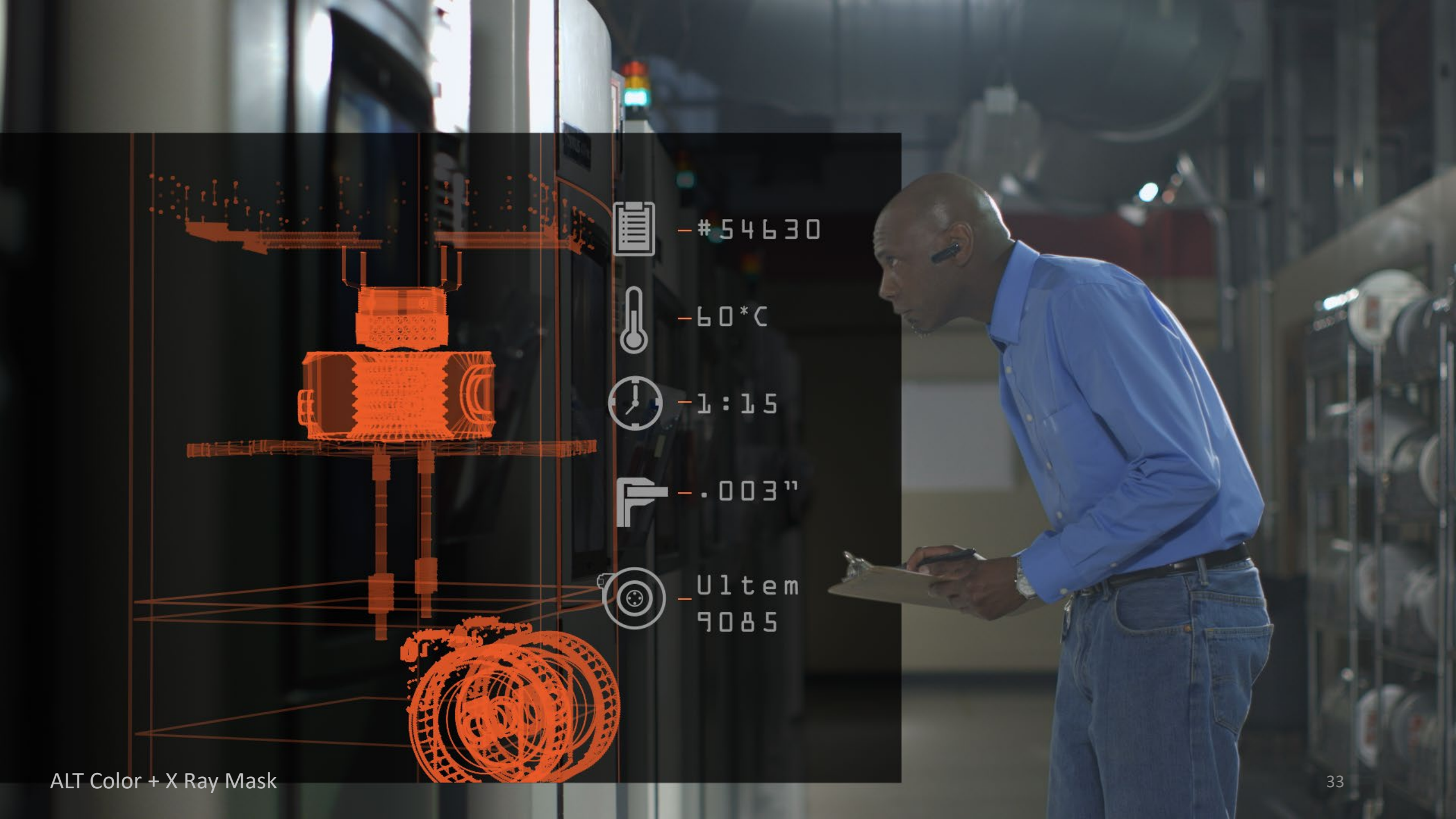
- 1:15



- .003"



- U1tem
9085



- #54630



- 60°C



- 1:15



- .003"



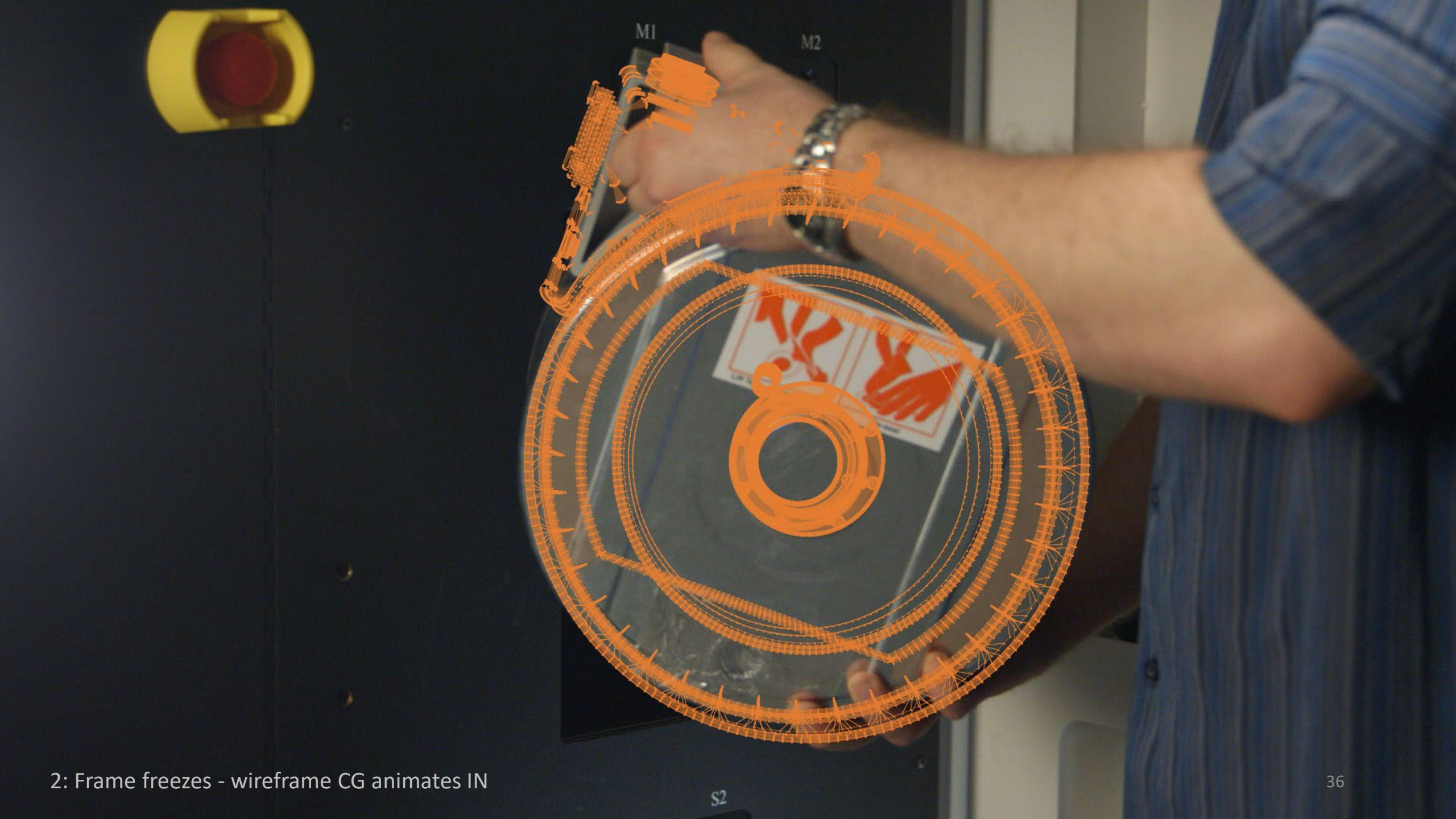
- Ultem
9085

VIDEO | augmented DNA - C

- **Used for our shots**
- **3D Augmentation**
- **Camera Matched to shot**
- **Paused video – animated CG overlays**
- **Tells a story about the process element**



1: Video – Tech loading new material cartridge



2: Frame freezes - wireframe CG animates IN

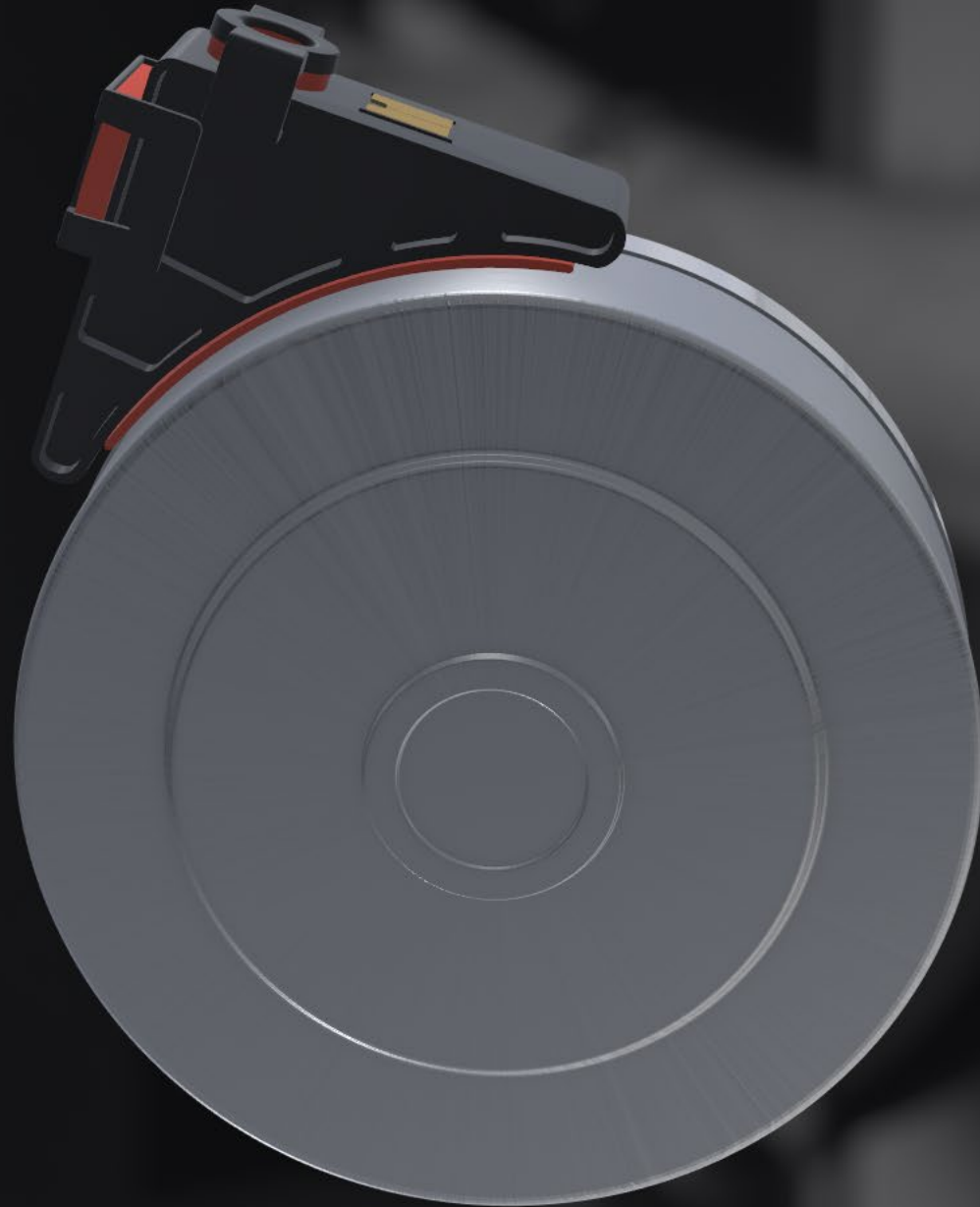
ABS / PC

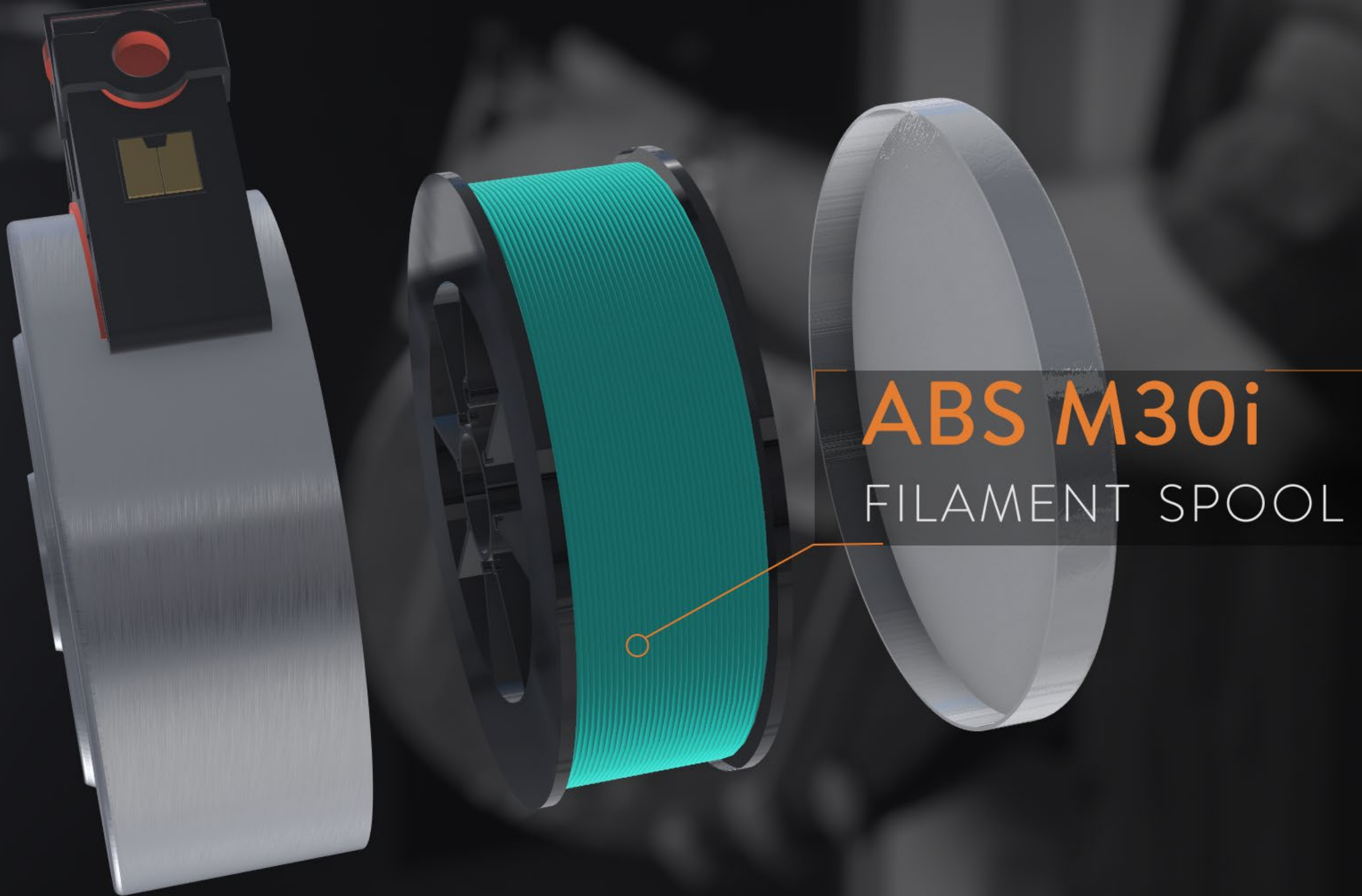
MATERIAL CARTRIDGE



ABS / PC

MATERIAL CARTRIDGE





5: 3D Cartridge rotates and opens to show assembly – flag/tag overlay

CG* Shots | 2D/3D Integration

- Use existing CG models (new FDM – Re-render CU)
- Use of line renders
- Simple BG (remove warehouse image)
- 2D motion graphics augmentation
- Add new Logo branding

* Important to note: In these images 720p has been adjusted to 1080p via Camera Zoom In. Please review for quality.



POLYJET



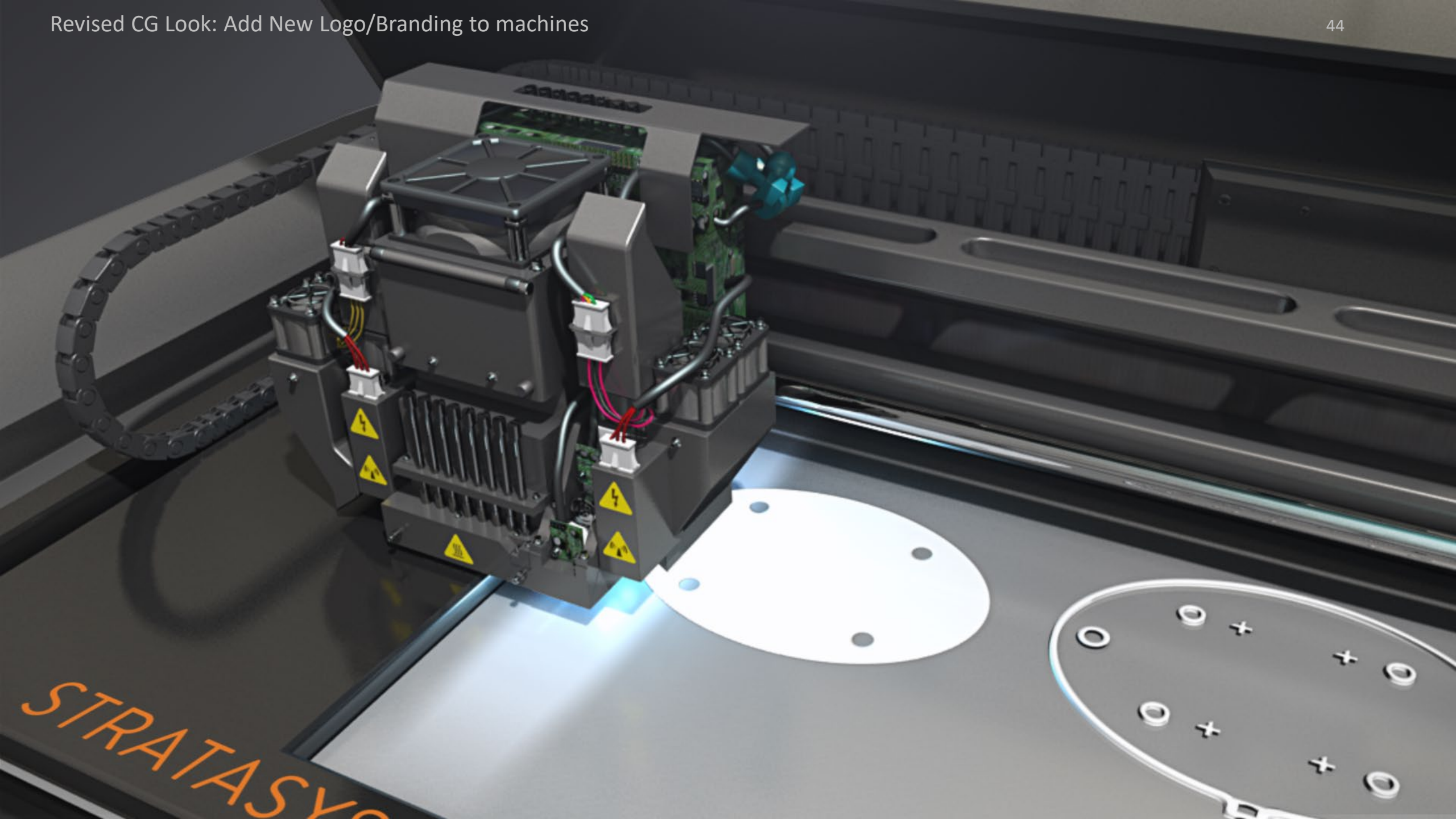
POLYJET

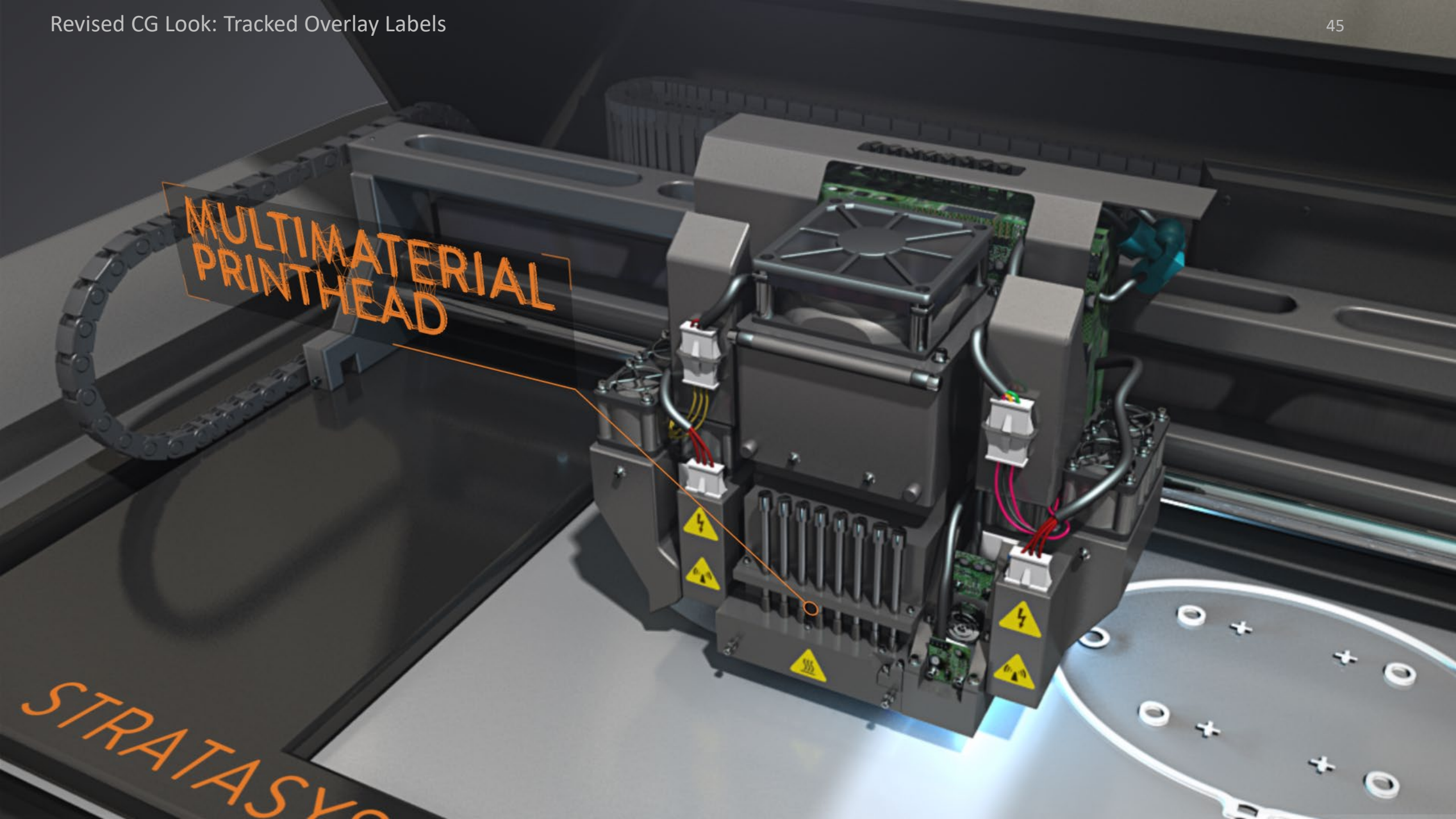


POLYJET



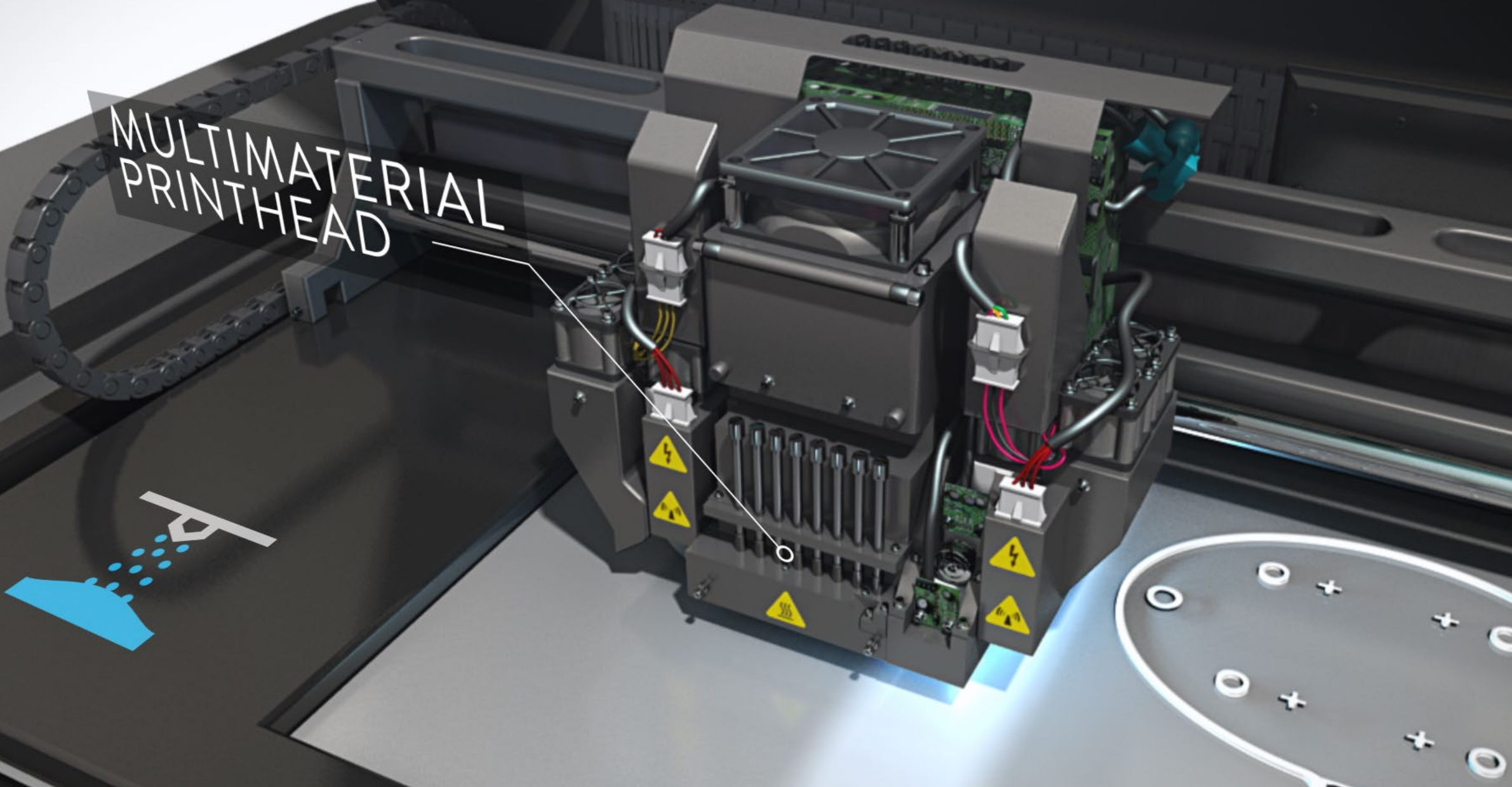
Revised CG Look: White BG – using Blue Accent





MULTIMATERIAL
PRINTHEAD

STRATASYS

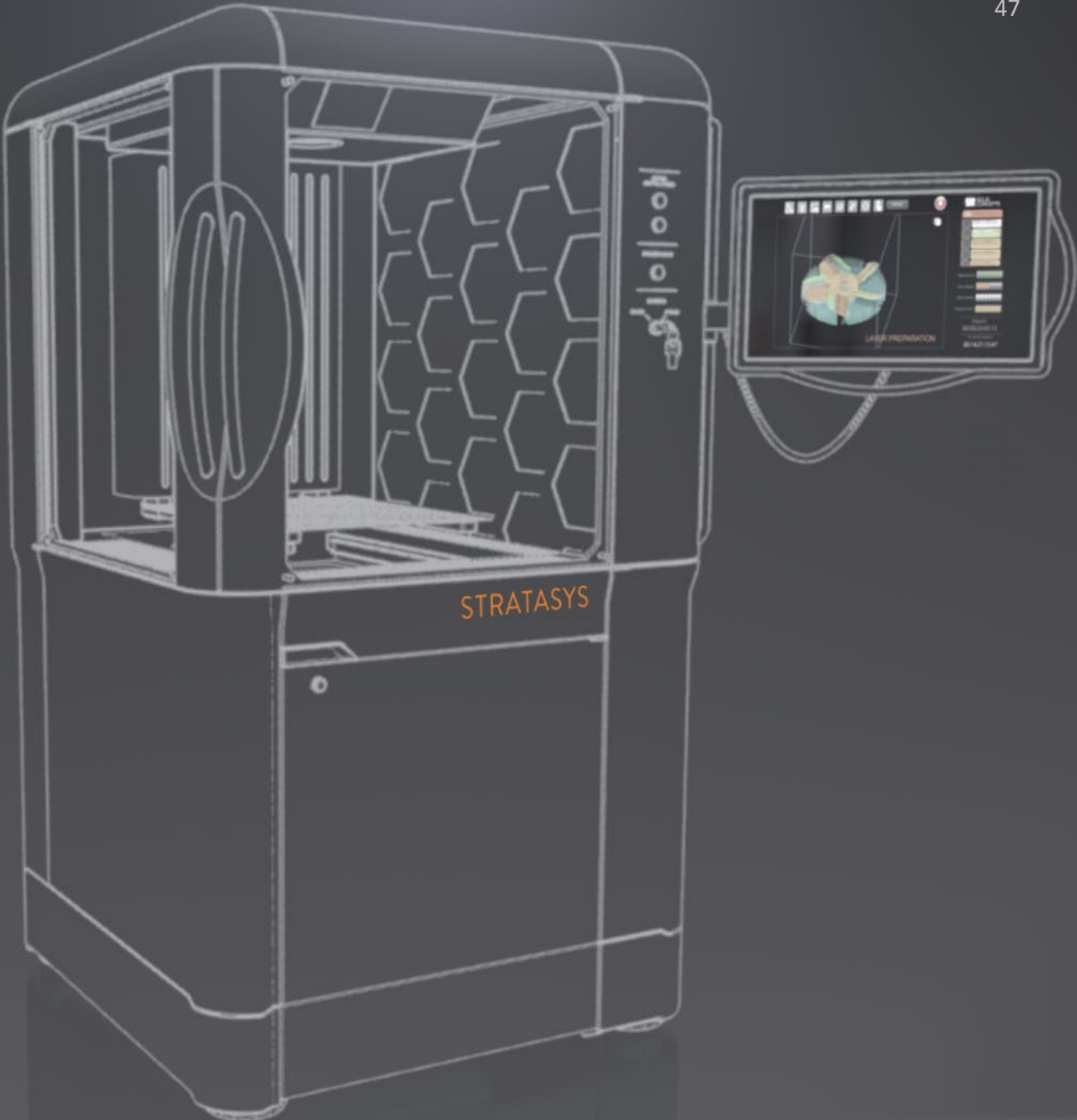


MULTIMATERIAL
PRINTHEAD





SL



PRINT PLATFORM

